



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

RECEIVED

OCT 09 1985

September 30, 1985

MEMORANDUM

SUPERFUND BRANCH

SUBJECT: Preliminary Assessment, Keokuk Steel Casting Company, Keokuk, Iowa

FROM: Paul E. Doherty
Chief, SINV/EP&R/ENSV

TO: Robert L. Morby
Chief, SPFD

THRU: William J. Keffer
Chief, EP&R/ENSV

John C. Wicklund
Director, ENSV

David A. Wagoner
Director, WSTM

SITE:	East Metal
ID:	HA0980318133
BREAK:	1.5
OTHER:	9-30-85

Attached for your information is a preliminary assessment of the above referenced facility. A preliminary assessment form was previously transmitted to your office on February 5, 1985, but was not previously counted in the 2nd Quarter or 3rd Quarter, FY85 preliminary assessment accomplishments.

If you have any questions or comments, please call me at 236-3888.

Attachments

SUPERFUND
OCT 15 1985
SITE 106

55

30279642



Superfund

9/30/85

0400



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
IA D980318133

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
Keokuk Steel Casting Company		240 Royal Road			
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Keokuk	IA	52632	LEE	111	1
09 COORDINATES LATITUDE		LONGITUDE			
40° 25' 46" 0"		091° 25' 26" 0"			

10 DIRECTIONS TO SITE (Starting from nearest public road)

Site located on 240 Royal Road Keokuk, Iowa. Proceed North on Highway US 218 (Main St.) to Royal Road. Turn west, proceed 1 block to Keokuk Steel Casting.

III. RESPONSIBLE PARTIES

01 OWNER (If known)		02 STREET (Business, mailing, residential)			
Kast Metal Corporation		600 Morgan St.			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER		
Keokuk	IA	52632	(319) 524-2661		
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)			
Mr. Paul Alan		240 Royal Road			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
Keokuk	IA	52632	(319) 524-2661		

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: 6 / 28 / 84 ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: / / ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION		02 BY (Check all that apply)			
<input checked="" type="checkbox"/> YES	DATE 1 / 7 / 85	<input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR			
<input type="checkbox"/> NO		<input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER			
		CONTRACTOR NAME(S): Ecology & Environment, Inc.			
03 SITE STATUS (Check one)		03 YEARS OF OPERATION			
<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		Aug. 1976 Present <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Baghouse dust: EP toxicity: 144mg/l Lead

SUPERFUND

001 15 1985

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Dust from Arc Furnace produces dust showing characteristic of lead EP toxicity - lead a systematic poison with cumulative effect.

Site G

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH ☒ B. MEDIUM ☐ C. LOW ☐ D. NONE

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)		03 TELEPHONE NUMBER	
Dave Crawford	EPA		(913) 374-6529	
04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Hubert Wieland	E&E	FIT	(913) 432-9961	1 / 17 / 85



EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IA D980318133

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available

01 ☒ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

Runoff from site into Soap Creek which runs along west edge of Keokuk, Iowa.

01 ☒ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

unknown
One mile radius ~ 1000 people. Neighbor complaints about odors emanating from Keokuk Steel Casting (Mr. Henry Len).

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available.

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available

01 ☐ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED (Acres)

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available

01 ☒ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED

02 ☒ OBSERVED (DATE 5-14-84)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

55
Iowa Occupational Safety and Health - health inspection citation for presence of formaldehyde, diphenylmethane, diisocyanate and dimethylethylamine in air around core making process.

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IA D980318133

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

No data available

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

No data available

01 ☒ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

Run-off from waste piles flows to cattle pasture where animals use surface waters.

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff, standing liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED unknown

02 ☒ OBSERVED (DATE 1/17/85)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Waste casting sand piled on-site with no containment.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

No data available

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

No data available

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

No data available

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Waste casting sands, piled on-site, potentially contain hazardous materials (cyanides, phenols). Produce baghouse dust which shows characteristics of EP lead toxicity.

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

Waste casting sands piled on-site since opening of plant, therefore there is a large volume. Baghouse dust hauled to Blackhawk County Iowa Sanitary Landfill every 45 days.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Iowa Department of Water, Air and Waste Management files.

Keokuk Steel Casting - sample analysis report.

EPA Region VII CERCLA Files:

Ecology & Environment, Inc. (FIT) on-site inspection

January 17, 1985



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

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OCT 09 1985

September 30, 1985

MEMORANDUM

SUPERFUND BRANCH

SUBJECT: Preliminary Assessment, Keokuk Steel Casting Company, Keokuk, Iowa

FROM: Paul E. Doherty
Chief, SINV/EP&R/ENSV

TO: Robert L. Morby
Chief, SPFD

THRU: William J. Keffer
Chief, EP&R/ENSV

John C. Wicklund
Director, ENSV

David A. Wagoner
Director, WSTM

*waste to Lee County
Landfill*

*RCA has Consent order
to prevent future
illegal disposal*

Attached for your information is a preliminary assessment of the above referenced facility. A preliminary assessment form was previously transmitted to your office on February 5, 1985, but was not previously counted in the 2nd Quarter or 3rd Quarter, FY85 preliminary assessment accomplishments.

If you have any questions or comments, please call me at 236-3888.

Attachments

SUPERFUND
OCT 15 1985
SITE 1-3



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IA D980318133

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Keokuk Steel Casting Company		02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER 240 Royal Road			
03 CITY Keokuk	04 STATE IA	05 ZIP CODE 52632	06 COUNTY LEE	07 COUNTY CODE 111	08 CONG DIST 1
09 COORDINATES LATITUDE 40° 25' 46.0"		LONGITUDE 091° 25' 26.0"			

10 DIRECTIONS TO SITE (Starting from nearest public road)

Site located on 240 Royal Road Keokuk, Iowa. Proceed North on Highway US 218 (Main St.) to Royal Road. Turn west, proceed 1 block to Keokuk Steel Casting.

III. RESPONSIBLE PARTIES

01 OWNER (If known) Kast Metal Corporation		02 STREET (Business, mailing, residential) 600 Morgan St.			
03 CITY Keokuk	04 STATE IA	05 ZIP CODE 52632	06 TELEPHONE NUMBER (319) 524-2661		
07 OPERATOR (If known and different from owner) Mr. Paul Alan		08 STREET (Business, mailing, residential) 240 Royal Road			
09 CITY Keokuk	10 STATE IA	11 ZIP CODE 52632	12 TELEPHONE NUMBER (319) 524-2661		

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: 6 / 28 / 84 ☐ B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED: _____ ☐ C. NONE
MONTH DAY YEAR MONTH DAY YEAR

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 1 / 7 / 85 <input type="checkbox"/> NO MONTH DAY YEAR		BY (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): Ecology & Environment, Inc.			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION Aug. 1976 Present BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Baghouse dust: EP toxicity: 144mg/l Lead

SUPERFUND

001 15 1985

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Dust from Arc Furnace produces dust showing characteristic of lead EP toxicity - lead a systematic poison with cumulative effect.

SITE 116

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH (Inspection required promptly) ☒ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Dave Crawford	02 OF (Agency/ Organization) EPA		03 TELEPHONE NUMBER (913) 374-6529	
04 PERSON RESPONSIBLE FOR ASSESSMENT Hubert Wieland	05 AGENCY E&E	06 ORGANIZATION FIT	07 TELEPHONE NUMBER (913) 432-9961	08 DATE 1 / 17 / 85 MONTH DAY YEAR



01 PHYSICAL STATES <i>(Check all that apply.)</i> <input checked="" type="checkbox"/> A SOLID <input checked="" type="checkbox"/> B POWDER, FINES <input type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER _____ <i>(Specify)</i>	02 WASTE QUANTITY AT SITE <i>(Measures of waste quantities must be independent.)</i> TONS _____ CUBIC YARDS <u>15000</u> NO OF DRUMS <u>32</u>	03 WASTE CHARACTERISTICS <i>(Check all that apply.)</i> <table border="0"> <tr> <td><input checked="" type="checkbox"/> A TOXIC</td> <td><input type="checkbox"/> E SOLUBLE</td> <td><input type="checkbox"/> I HIGHLY VOLATILE</td> </tr> <tr> <td><input type="checkbox"/> B CORROSIVE</td> <td><input type="checkbox"/> F INFECTIOUS</td> <td><input type="checkbox"/> J EXPLOSIVE</td> </tr> <tr> <td><input type="checkbox"/> C RADIOACTIVE</td> <td><input type="checkbox"/> G FLAMMABLE</td> <td><input type="checkbox"/> K REACTIVE</td> </tr> <tr> <td><input type="checkbox"/> D PERSISTENT</td> <td><input type="checkbox"/> H IGNITABLE</td> <td><input type="checkbox"/> L INCOMPATIBLE</td> </tr> <tr> <td></td> <td></td> <td><input type="checkbox"/> M NOT APPLICABLE</td> </tr> </table>	<input checked="" type="checkbox"/> A TOXIC	<input type="checkbox"/> E SOLUBLE	<input type="checkbox"/> I HIGHLY VOLATILE	<input type="checkbox"/> B CORROSIVE	<input type="checkbox"/> F INFECTIOUS	<input type="checkbox"/> J EXPLOSIVE	<input type="checkbox"/> C RADIOACTIVE	<input type="checkbox"/> G FLAMMABLE	<input type="checkbox"/> K REACTIVE	<input type="checkbox"/> D PERSISTENT	<input type="checkbox"/> H IGNITABLE	<input type="checkbox"/> L INCOMPATIBLE			<input type="checkbox"/> M NOT APPLICABLE
<input checked="" type="checkbox"/> A TOXIC	<input type="checkbox"/> E SOLUBLE	<input type="checkbox"/> I HIGHLY VOLATILE															
<input type="checkbox"/> B CORROSIVE	<input type="checkbox"/> F INFECTIOUS	<input type="checkbox"/> J EXPLOSIVE															
<input type="checkbox"/> C RADIOACTIVE	<input type="checkbox"/> G FLAMMABLE	<input type="checkbox"/> K REACTIVE															
<input type="checkbox"/> D PERSISTENT	<input type="checkbox"/> H IGNITABLE	<input type="checkbox"/> L INCOMPATIBLE															
		<input type="checkbox"/> M NOT APPLICABLE															

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS	15000	yd ³	Waste Casting Sands - cyanide
ACD	ACIDS	15000	yd ³	Waste Casting Sands - phenols
BAS	BASES			
MES	HEAVY METALS	8	ton	Baghouse dust; EP Lead toxicity

[illegible]

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS	N/A		FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

Iowa Department of Water, Air and Waste Management files, sample analysis reports
Keokuk Steel Casting - sample analysis report.
EPA Region VII CERCLA files
Ecology & Environment (FIT) on-site inspection - January 17, 1985.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IA D980318133

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available

01 ☒ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

Runoff from site into Soap Creek which runs along west edge of Keokuk, Iowa.

01 ☒ C. CONTAMINATION OF AIR unknown
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

One mile radius ~ 1000 people. Neighbor complaints about odors emanating from Keokuk Steel Casting (Mr. Henry Len).

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available.

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available

01 ☐ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: _____ (Acres)

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available

01 ☒ H. WORKER EXPOSURE/INJURY 55
03 WORKERS POTENTIALLY AFFECTED: _____

02 ☒ OBSERVED (DATE 5-14-84)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

Iowa Occupational Safety and Health - health inspection citation for presence of formaldehyde, diphenylmethane, diisocyanate and dimethylethylamine in air around core making process.

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

No data available.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IA D980318133

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No data available

01 ☐ K. DAMAGE TO FAUNA 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (include names of species)

No data available

01 ☒ L. CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Run-off from waste piles flows to cattle pasture where animals use surface waters.

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES 02 ☒ OBSERVED (DATE 1/17/85) ☐ POTENTIAL ☐ ALLEGED
(Spills, runoff, standing liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED unknown 04 NARRATIVE DESCRIPTION

Waste casting sand piled on-site with no containment.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No data available

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No data available

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No data available

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Waste casting sands, piled on-site, potentially contain hazardous materials (cyanides, phenols). Produce baghouse dust which shows characteristics of EP lead toxicity.

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

Waste casting sands piled on-site since opening of plant, therefore there is a large volume. Baghouse dust hauled to Blackhawk County Iowa Sanitary Landfill every 45 days.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis reports)

Iowa Department of Water, Air and Waste Management files.
Keokuk Steel Casting - sample analysis report.
EPA Region VII CERCLA Files: Ecology & Environment, Inc. (FIT) on-site inspection

January 17, 1985